

Serial No.: 10/517,305
Atty. Docket No.: P70298US0

IN THE SPECIFICATION:

On page 1, please amend the first paragraph beginning on line 4, as follows:

--The present invention relates to a method for determining positions of targets by bistatic measurements using signals scattered by the targets. Also the velocities of the targets can be determined. The method comprises a rapid bistatic association method which is suitable for, for instance, a network of radar stations in the manner of MSR (Associative Aperture Synthesis Radar) although there may be further fields of application. AASR is described, inter alia, in ~~Swedish Patent 0101661-7~~ U.S. Patent No. 6,850,186, which is herewith incorporated by reference. In the following, the description will be concentrated on the new method of associating by bistatic measurements only.--

On page 3, please amend the first full paragraph beginning on line 10, as follows:

--An alternative method is disclosed in ~~Swedish Patent 0101662-5~~ U.S. Patent No. 6,954,404, which is herewith incorporated by reference, and implies that use is made of certain symmetries of the combination sensors--measurement data. Given two stations, the

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two monostatic measurements, together with the bistatic measurement, will share a symmetry, viz. that the three measuring geometries are all insensitive to rotation of the targets about the axis extending through the two stations. This means that it is possible to make an initial rapid screening of the candidates and delete a large number of false associations (ghosts). The subsequent final association will then be significantly more rapid. A drawback, however, is that the monostatic measurements will be important, which may be disadvantageous in connection with reconnaissance of stealth targets.--